

SMIP04 SEMINAR ON UTILIZATION OF STRONG-MOTION DATA

Sacramento Convention Center, Sacramento, California
May 17, 2004

PRELIMINARY PROGRAM

8:00 am **REGISTRATION**

9:00 am **WELCOMING REMARKS**

Chris Poland, Chair, Strong Motion Instrumentation Advisory Committee (SMIAC)
Michael Reichle, Acting State Geologist, California Geological Survey
Anthony Shakal, Program Manager, , Strong Motion Instrumentation Program

INTRODUCTION

Moh Huang, Strong Motion Instrumentation Program

SESSION I

Moderator: *Bruce Bolt*, UC Berkeley, SMIAC

9:15 am **Design Ground Motion Library**

Maurice Power, Geomatrix Consultants

9:40 am **Seismological Implications of the Ground Motion Data from the 2003 San Simeon Earthquake**

Vladimir Graizer, CSMIP and *Doug Dreger*, UC Berkeley

10:05 am **Questions and Answers for Session I**

10:15 am Break

SESSION II

Moderator: *Vern Persson*, SMIAC

10:35 am **Seismic Analysis of the Sylmar Interstate 5 and Highway 14 Connector Bridge**

Robert Dowell, Dowell-Holombo Engineering

11:00 am **Evaluation of Nonlinear Static Procedures Using Strong-Motion Records of Buildings**

Rakesh Goel, California Polytechnic State University, San Luis Obispo

11:25 am **Questions and Answers for Session II**

11:35 am **LUNCH**

SESSION III

Moderator: *Chris Poland*, Degenkolb Engineers, SMIAC

12:45 pm **CSMIP Instrumentation Building Response Analysis and Three Dimensional Visualization System**

Farzad Naeim, John A. Martin & Associates

1:10 pm **Visualization of Seismic Bridge Motions**

Robert Dowell, Dowell-Holombo Engineering

1:35 pm **Questions and Answers for Session III**

1:45 pm Break

SESSION IV

Moderator: *Wilfred Iwan*, Caltech, SMIAC

2:00 pm **Design and Instrumentation of the New San Francisco Oakland Bay Bridge East Span**

Brian Maroney and *Pat Hipley*, Caltrans

2:25 pm **Recorded Response and Observed Performance of a Wood-Frame Hospital Building during the 2003 San Simeon Earthquake**

Moh Huang, CSMIP and *Chris Tokas*, OSHPD

2:50 am **Questions and Answers for Session IV**

3:00 pm Field Trip Introduction

Seismic Retrofit of the California State Capitol

Joseph Nicoletti, URS Corporation

3:15 pm Field Trip to **California State Capitol**